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Country: JP Japan

Kind: A

Inventor: EDA NOBUO;
TOYOGUCHI YOSHINORI;
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MORITA TERUYOSHI;Assignee: MATSUSHITA ELECTRIC IND CO LTD
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IPC Code: H01M 2/08; H01M 6/16;

Priority Number: 1981-02-19 JP1981000024095

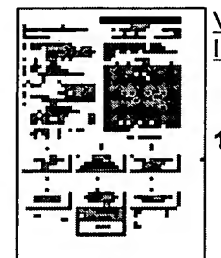
Abstract: PURPOSE: To improve the preserving property of a battery, by forming a sealing layer with a solid paraffin layer and a photosetting resin layer provided outside, in a battery where a resin-sealing layer is used to hermetically seal a negative electrode made of light metal.

CONSTITUTION: In a battery case 1, there are a positive electrode 2 made of graphite fluoride etc, a separator 3 and a liquid-holding material 4 mainly impregnated with an organic electrolytic solution. In the same battery case 1, there is an insulated cylinder 7 which contains a lithium negative electrode 5 and a collector 6 thereof. The battery case 1 is hermetically sealed with an epoxide resin layer 11 to form an organic electrolyte battery. In this case, a sealing layer is composed of a solid paraffin layer 9 inside, further a photosetting resin layer 10 outside, and said epoxide resin layer 11. The photosetting resin layer 10 made of denatured acrylate resin is poured onto the paraffin layer 9, and then forced to set by irradiation of ultraviolet-rays.

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PATENT ABSTRACTS OF JAPAN(21) Application number: **56024095**(51) Intl. Cl.: **H01M 2/08**(22) Application date: **19.02.81**

(30) Priority:	(71) Applicant: MATSUSHITA ELECTRIC IN. LTD
(43) Date of application publication: 27.08.82	(72) Inventor: EDA NOBUO TOYOGUCHI YOSHINORI YOSHIMOTO KEIKO MORITA TERUYOSHI
(84) Designated contracting states:	(74) Representative:

(54) BATTERY**(57) Abstract:**

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CONSTITUTION: In a battery case 1, there are a positive electrode 2 made of graphite fluoride etc, a separator 3 and a liquid-holding material 4 mainly impregnated with an organic electrolytic solution. In the same battery case 1, there is an insulated cylinder 7 which contains a lithium negative electrode 5 and a collector 6 thereof. The battery case 1 is hermetically sealed with an epoxide resin layer 11 to form an organic electrolyte battery. In this case, a sealing layer is composed of a solid paraffin layer 9 inside, further a

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